

1 Attorney Docket No. 82680

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# A FIBER OPTIC SWITCH

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## ABSTRACT OF THE DISCLOSURE

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7 A method of switching from a single input optical fiber to  
8 one or more output fibers comprising the steps of providing an  
9 input signal into the input optical fiber, splitting the input  
10 signal and the input optical fiber to form a plurality of  
11 optical fibers and a plurality of split input signals each of  
12 the optical fibers carrying a single one of the plurality of the  
13 split input signals, attenuating the plurality of the split  
14 input signals, amplifying at least one of the plurality of the  
15 split input signals with a laser activated amplifier to produce  
16 at least one output signal, and outputting the at least one  
17 amplified split input signals through corresponding at least one  
output fibers.